

High Pressure Regulator

High pressure (pounds to pounds) regulators usually reduce tank pressure to an intermediate pressure for use by another regulator. They may be used as high pressure regulators on distribution systems when used in conjunction with a First-Stage downstream regulator. The 64SR may be used for First-Stage when set at 10 psig. They are also used for Final-Stage service on high pressure burners in crop dryers and tobacco curers, as well as other medium sized commercial/industrial applications.

The 1/4" FNPT side outlet, which is normally plugged, provides an opening for an outlet pressure gauge. Standard 64's are capable of handling liquid or vapor at temperatures under 150°F (66°C). A cover or auxiliary vent assembly should be used to protect the 1/4" FNPT regulator vent opening on outdoor installations.

64...is an adjustable high pressure regulator with a wide range of available outlet pressure ranges. It does not contain a relief valve. It should always be used in conjunction with a downstream regulator and/or separate relief devices in compliance with NFPA 58 overpressure protection requirements.

64KB...has a special diaphragm protection that makes the unit suitable for NH₃ service. The 1/4" FNPT tapped and plugged side outlet can be used to install a pressure gauge (J542), or a hydrostatic relief valve. Removing the bottom plug permits easy access to the valve disc, without having to remove the regulator from the line.

64SR...is a high pressure regulator, which has an internal relief valve. As such it may be used as a Final-Stage regulator on high pressure systems. It may also be used as a First-Stage regulator when set at 10 psig or less.

Note: If the installation location makes the ignition of vented gas a possibility, then a vent line should be installed from the 64SR vent to a safe location.



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Fisher High Pressure Regulators

Part No.	Description	Capacity BTU/HR Propane ¹	Outlet Pressure Setting	Outlet Adjustment Range	Inlet and Outlet Connections
64/33	Basic Regulator	2,625,000	10 PSIG	3-15 PSIG	1/2" FNPT
64/35		3,600,000	20 PSIG	5-35 PSIG	
64/36		4,150,000	40 PSIG	30-60 PSIG	
64/222		5,250,000	50 PSIG	35-100 PSIG	
64SR/21	With Internal Relief Valve	2,625,000	10 PSIG	3-15 PSIG	
64SR/22		3,000,000	15 PSIG	5-20 PSIG	
64SR/23		3,600,000	20 PSIG	5-35 PSIG	

¹. Based on inlet pressure 20 PSIG greater than outlet with 20% droop; Liquid capacity = 160 GPH.

Fisher Type 64KB High Pressure Regulators - Suitable for NH₃ Service*

Part No.	Capacity, CFH (NH ₃) ¹	Outlet Adjustment Setting	Outlet Adjustment Range	Inlet & Outlet Connections
64KB/33	1,650	10 PSIG	3 - 15 PSIG	1/2" FNPT
64KB/35	2,250	20 PSIG	5 - 35 PSIG	
64KB/36	2,600	40 PSIG	30 - 60 PSIG	
64KB/222	3,300	50 PSIG	35 - 100 PSIG	

¹. Liquid is 145 GPH at 20 PSIG above set point and 20% droop. Vapor capacity based on 20 PSIG above set point and 20% droop. *Non-Stock, Call for pricing & availability.

High Pressure Regulators



67CH

67 Series...Suitable for liquid or vapor service, the 67C Series high pressure (pounds to pounds) regulators are used on a variety of applications. All types within the series have a 1/4" FNPT side outlet in which a pressure gauge (J500 series) can be installed. The compact size of the 67C makes it particularly useful on installations where space is limited.

The regulator design utilizes precise guiding of the valve plug to provide close regulation and high performance.

Note: 67C Series regulators do not have an internal relief valve. These units should not be installed in fixed piping serving 1/2 psig appliance systems.



67CD

Fisher High Pressure Regulators

Type Number	Description	Capacity BTU/HR Propane	Outlet Pressure Setting	Inlet & Outlet Connection
67CW-683	Basic Regulator (wrench adjustment)	675,000	15 psig	3 - 20 psig
67CW-684		750,000	20 psig	3 - 35 psi
67CW-685		1,200,000	40 psig	30 - 60 psig
67CW-687		750,000	20 psig	3 - 35 psi
67CW-701		1,000,000	50 psig	50 - 135 psig
67CH-751	Basic Regulator (Handwheel Adjustment)	675,000	15 psig	3 - 20 psig
67CH-743		750,000	20 psig	3 - 35 psig
67CH-742		1,200,000	40 psig	30 - 60 psig
67CH-741		10,000,000	50 psig	50 - 135 psig
67CD-100	Dial Cap Adjustment	675,000	15 spig	5 - 20 psig
67CD-101*		750,000	15 psig	5 - 30 psig
67CD-102*		1,200,000	40 psig	20 - 50 psig
67CD-103*		1,000,000	50 psig	40 - 100 psig
67CN-106	Non-Adjustable	400,000	10 psig	Non-Adjustable
67CN-104		600,000	15 psig	
67CN-105		750,000	20 psig	

* Pressure is permanently calibrated on spring case.



67CW



67CN



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High Pressure Regulators (cont.)



912

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High Pressure Regulators

Type Number	Capacity BTU/HR Propane ¹	Outlet Pressure Setting	Outlet Adjustment Range	Inlet and Outlet Connection
912	1,200,000	40PSIG	30-60 PSIG	1/4" FNPT
C6120	600,000	15PSIG	5-45 PSIG	
350-00	1,000,000	10 PSIG	0-17 PSIG	



C6120



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350-00